Agenda Regional User Meeting - EuroCentral 2026 | Day 1 - June 16th | Dassault Systemes Office Darmstadt

Advanced Seminars

Time (EST)	Track 1 - Maxwell	Track 2 - Einstein	Track 3 - Ohm	Track 4 - Weiland
	EMAG	**Structures**	**MBS**	**Fluids**
1:00 PM	**EMC virtual reverberation chamber workflow** *Djamel GUEZGOUZ* | Dassault Systèmes **CST Studio Interference Task** *Tobias BERNARDING* | Dassault Systèmes	**Becoming familiar with Abaqus solvers and to gain the latest performance kicks** *Christian FELL* | Dassault Systèmes	**Drivetrain model setup & EHD** *Gerrit NOWALD* | Dassault Systèmes	**PowerFLOW native thermal solver & Multi-species and multi-phase PowerFLOW simulations** *Christian LANGE & Svetlana JERONIMO* | Dassault Systèmes
3:00 PM	**Break | 30 minutes**			
3:30 PM	**E-Machine Simulation with Manatee** *Yi ZHOU, Dassault Systèmes* **Python automatic template-based post-processing** *Rene FIEDLER* | Dassault Systèmes	**Advanced plastic injection molding on 3DEXPERIENCE platform** *Kai SCHEIBA* | Dassault Systèmes	**e-Drive & Scripting** *Emmanuel Manu DABANKAH* | Dassault Systèmes	**Process automation for aerodynamics and aeroacoustic workflows on 3DEXPERIENCE cloud & Multiphysics applications** *Carlo PERUGINI & Faron HESSE* | Dassault Systèmes
5:00 PM	**Evening Networking Reception – Come Together Day 1**			

Agenda Regional User Meeting - EuroCentral | Day 2 - June 17th | Darmstadtium

Time (EST)

8:00 AM	Registration open | 60 minutes
	Plenary - Spectrum A
9:00 AM	**Welcome & Introduction** *Christian BARTHEL & Jonas ITTEL* | Dassault Systèmes
9:15 AM	**MODSIM and the Future of Industrialized AI** *Michelle ASH & Olivier SAPPIN* | Dassault Systèmes
10:00 AM	**Customer Keynote - Automated Simulation-Driven Concept Design: A Paradigm Shift demonstrated using the BMW ix3 Center Console Design** *Christian VOGL* | BMW Group & *Jörgen HILMANN* | Dassault Systèmes
10:30 AM	**Break | 30 minutes**
	Plenary - Ferrum
11:00 AM	**SIMULIA Brand Welcome** *Christian BARTHEL & Matthieu PLAGNARD* | Dassault Systèmes
11:15 AM	**SIMULIA Brand Insights** *Sebastien GAUTIER* | Dassault Systèmes
11:45 AM	**Customer Keynote - Modelling and Simulation at Henkel Consumer Brands Packaging** *Harsha SINGANAMALLA* | Henkel AG & Co. Kga
12:15 PM	**Lunch | 1 hour 15 (45 minutes for Radon)**

	Track CATIA & SIMULIA - Radon	Track 1 - Ferrum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Aurum
	MODSIM	**Structures - Bolts & Connectors**	**EMAG - EMC 1**	**Multibody System Simulation**	**Fluid Dynamics**	**EMAG - Multiphysics**
1:00 PM	**Generative Design & Lattice Design** *Kevin SUDRADJAT & Michel KRAUSE* | Dassault Systèmes	**Break**	**Break**	**Break**	**Break**	**Break**
1:30 PM	**MODSIM Workflows for Electric Machines: Integrated Strength and NVH Simulation using the 3DEXPERIENCE Platform** *Johannes KREMHELLER* | BMW Group & *Istvan SOMOGYVARI* | Dassault Systemes	**Virtual Variant Approval of Connectors** *Lars WATTENBERG* | PHOENIX CONTACT GmbH & Co. KG	**Enhancement of 3D model fidelity using micro-CT scans** *Vratislav SOKOL* | Rohde & Schwarz	**Virtual Twin Experience of an Athlete and his Hand-Bike** *Valentin KEPPLER* | CCS-Service GmbH/Biomotion Solutions	**Aeroacoustic Simulation of a Side Window Wind Deflector on a Heavy-Duty Vehicle** *Marc HEHNER* | Daimler Truck AG	**Accelerating HV Connector Development: Thermal Simulation of the HPS40-2** *Antoine VAN PEER* | Hirschmann Automotive GmbH
2:00 PM	**Truck Air Duct Development – 3DExperience MODSIM philosophy** *Filip ZATLOUKAL & Martin KOPRIVA* | Mann + Hummel Service s. r. o.	**MagicBOLT – Seamless FEM Bolt Modelling and Evaluation** *Rüdiger FICHTENAU* | DI - Die Ingenieure GmbH	**3D modeling of Inductcive components** *Yukinobu MASUDA* | Murata Electronics Europe	**Vibro-Acoustic Noise Reduction in Wind Turbines** *Steve MULSKI* | Dassault Systèmes	**Update on machine learning applied to our fluids solutions** *John HIGGINS* | Dassault Systèmes	**Implications on permitted RF power in UHF MRI under consideration of the extremities** *Franziska MASUCH* | DKFZ Heidelberg
2:30 PM	**Break | 45 minutes**					
	Track CATIA & SIMULIA - Radon	**Track 1 - Ferrum**	**Track 2 - Chromium**	**Track 3 - Vanadium**	**Track 4 - Titanium**	**Track 5 - Aurum**
	MODSIM	**Structures - Automotive**	**EMAG - EMC 2**	**Multibody System Simulation**	**Fluid Dynamics**	**EMAG - Antenna**
3:15 PM	**Concept Structure Engineering** *Stefan MERTZ, Jens MENZEN & Istvan SOMOGYVARI* | Dassault Systèmes	**I²t Based Electro Thermal Assessment of an Automotive High Voltage Connector** *Dominik KAWALEC* | Aptiv Services Poland S.A.	**Validation of Virtual Equipment** *Marc REINHARDT* | ZF Active Safety GmbH	**Update MBS R&D** *Wolfgang TRAUTENBERG & Govind MOHAN* | Dassault Systèmes	**Parametric Flow Optimization on the 3DEXPERIENCE Platform** *Wladyslaw HAMIGA* | Solidexpert	**Design and Fabrication of a Compact In-Phase Elliptical Waveguide Divider Optimized for 3D Printing** *Frederike BARTELS* | TU Hamburg
3:45 PM	**MODSIM based design exploration for multidisciplinary grab handle development** *Alexander RAGER* | BMW Group & *Jens MENZEN* | Dassault Systèmes	**A Non-Standard FEA Framework for Multi-Load Test Scenarios: Application to an Automotive Fan System** *Maciej MAJERCZAK* | Valeo	**Comparison of Stripline Configurations for component level EMC Emission Measure-ments: Impedance Matching, Loss Mechanisms and Practical Considerations** *Dávid SZERENCSÉS* | thyssenkrupp Components Technology H Kft.	**Integrated Vehicle Dynamics: Unlocking Potential through Cross-System Simulation** *Alexander POPPITZ | IAV GmbH*	**Optimizing Flow Splitters with Flow-Driven Generative Design** *Raphael SÄCKL* | Technia	**Design and Integration of a Generic Dual-Band WiFi Antenna for Solder-In Modules in Home Appliance** *Ibrahim ELABYAD* | BSH Hausgeräte GmbH
4:15 PM	**Reinforced Concrete Modelling using the 3DEXPERIENCE Platform** *Felix ERNESTI* | TECHNIA GmbH	**From Insertion Force to Operating Force: Nonlinear Finite Element Analysis of Lever Assisted Automotive Connectors** *Bruno BARTH* | Aptiv Services Deutschland GmbH	**Shielding effectiveness simulation of a metal housing** *Rajeev MALHOTRA* | Diehl Aerospace GmbH	**Motion Designer** *Peter TIMM & Marcel BAUER* | Dassault Systèmes	**Update Fluids R&D** *Saif HASNAIN* | Dassault Systèmes	**From Analytical Pre-Design to Full-Scale 3D Analysis of Aerospace Radomes: Validating Transmission Line Approaches via Floquet Port Unit Cell Modeling in CST Studio Suite** *Sebastian SCHEITLER* | Airbus Defence and Space GmbH
4:45 PM	**Break | 15 minutes - Move to Ferrum**					
	Plenary Ferrum					
5:00 PM	**Customer Keynote – Numerical Simulation Approaches for Medium Voltage Switchgear: Short-Circuit and Internal Arc Performance** *Pawel BAJERSKI* | ABB Sp. z o.o.					
5:30 PM	**Customer Keynote – Virtual Validation of Electric Machines Using 3DEXPERIENCE and MODISM – From Data Consistency to Scalable Simulation Workflows** *Oliver HOFMANN & Timo SCHMIDT* | BMW Group					
6:00 PM	**SIMULIA – Champions honouring**					
6:15 PM	**Evening Networking Reception – Come Together Day 2**					

Agenda Regional User Meeting - EuroCentral | Day 3 - June 18th | Darmstadtium

Time (EST)

8:00 AM	Registration open | 30 minutes

	Track CATIA & SIMULIA - Radon	Track 1 - Aurum	Track 2 - Chromium	Track 3 - Vanadium	Track 4 - Titanium	Track 5 - Argentum
	MODSIM	**Structures - Solver & CAE**	**EMAG - General**	**Structures - NVH & Fatique**	**Structures - Fracture I**	**EMAG - Antenna**
8:30 AM	**MODSIM in Core mechanical engineering** *Joe AMODEO* | Dassault Systèmes	**Update Structures R&D** *Chris WOHLEVER* | Dassault Systèmes	**EMAG on HPC and DS Cloud: Infrastructure, Licensing & Performance** *Karthikeyan SUKUMAR* | Dassault Systèmes	**Finite Element Based Validation of Printed Circuit Board Assemblies for Vibrational Loads** *Walter HINTERBERGER* | Engineering Center Steyr GmbH	**Brittle Fracture Safety Assessment of a Nuclear Reactor Pressure Vessel based on Numerical Fracture Mechanics** *Florian OBERMEIER* | Framatome GmbH	**Python-Based Hardware Performance Evaluation for Simulia CST Studio Suite** *Frank DEMMING-JANSSEN, Felix WINTERGERST* | Simuserv GmbH
9:00 AM	**From parametric cushion model to digital twin** *Johannes PFEIFFER* | Joyson Safety Systems Aschaffenburg GmbH	**Rule-Based Selections in Abaqus/CAE – A *Smarter Approach to Geometry Selection*** *Markus WINKLBERGER* | Robert Bosch AG & *Kai SCHEIBA* | Dassault Systèmes	**Virtual Twins in Automotive EMC** *Peter BIRKEFELD* | ZF Active Safety GmbH	**Parametric Fatigue Optimization of Bicycle Components with MODSIM Workflows** *Aniket BADGUJAR* | systemworkx AG	**New Advances in Endurica Multi-Physics Workflows with ABAQUS – Aging, Wear and Transient Thermomechanical Analysis** *Tom EBBOTT* | Endurica Europe SARL	**Optical simulations of metasurfaces supporting photonic bound states in the continuum** *Michael HIRLER* | LMU Munich
9:30 AM	**Empowering Engineers: Streamlined, Simulation-Driven Battery Cell Housing Design on the 3DEXPERIENCE Platform at BMW** *Philipp HARTL* | BMW Group	**Advanced Applications in Abaqus/ Explicit with Smoothed Particle Hydrodynamics and Coupled Euler Lagrangian** *Rainer OHLMS & Thomas THIEL* | Bechtle PLM Deutschland GmbH	**Update EMAG R&D** *Leonardo SASSI* | Dassault Systèmes	**Integration of Preload-Dependent Nonlinear Elastomer and Bearing Transfer Functions into Frequency-Based Substructuring for Improved NVH Prediction of a Hybrid Drivetrain** *Sebastian BAHR* | MSE - RWTH Aachen	**Multiscale Simulation of Crack Propagation in Injection-Moulded Composites** *Vikash RAJENDRAN* | Polymer Competence Center Leoben	**Simulation of optical absorption in nanoporous gold: the role of dangling-ligament resonances** *Salman WAHIDI* | TU-Hamburg
10:00 AM		**Break | 30 minutes**				
	Track CATIA & SIMULIA - Radon	**Track 1 - Aurum**	**Track 2 - Chromium**	**Track 3 - Vanadium**	**Track 4 - Titanium**	**Track 5 - Argentum**
	MODSIM	**Structures - Material**	**EMAG - EDA**	**Structures - Optimization**	**Structures - Fracture II**	**EMAG - EMC3**
10:30 AM	**Stamping Die Engineering** *Antonio SCARCELLI & Jean Luis DUVAL* | Dassault Systèmes	**From FEM Simulation to AI modeling : A Data-Driven Digital Twin for High-Precision Glass Optics Manufacturing** *Hamidreza PARIA* | Fraunhofer IPT	**EDA: SI and PI on high density multilayer PCBs with CST Studio PCBS** *Hendrik SACHSE* | Diehl Aerospace GmbH	**Update optimization R&D** *Andras LASZLOFFY* | Dassault Systèmes	**Microscale Modelling of Paper Hygroexpansion for Packaging Applications** *Luis CANAL* | Nestlé Institute of Packaging Sciences	**3D EM Co-Simulation for RF Immunity Prediction in ASIC Sensors up to 8 GHz** *Suresh Kumar YENUMULA* | ams-OSRAM GmbH
11:00 AM	**Stamping Die Engineering - Part 2** *Antonio SCARCELLI & Jean Luis DUVAL* | Dassault Systèmes	***Simulations of beech wood disintegration*** *František ŠEBEK* | Brno University of Technology	**A "story" of LPDDR5 simulation** *Stefanie SCHATT* | Aumovio Germany GmbH	**Simulation-Driven Design with an experimental material model of a Natural-Fibre Composite Bicycle Frame** *Tim ISSELSTEIN* | Hochschule Trier	**Domain-Independent J-Integral Evaluation for Thermomechanical Loading: Beyond Standard FEA Limitations** *Nikolaus BECHLER* | CENIT AG	**EMC Immunity Analysis in Automotive IC System Design through Statistical Classification** *Simon PROFANTER* | Graz University of Techology
11:30 AM	**Digital Continuity at Scale in Airbus Helicopters: 3DEXPERIENCE as collaborative platform to enable transformation of simulation metiers** *Gwénaël NEVEU* | Airbus Helicopters	**Hyperelastic Stability - What does ABAQUS do and what does it mean?** *Herbert BAASER* | TH Bingen	**Time-Domain Eye Construction for MIPI C-PHY using Full-Wave Electromagnetic Modeling** *Julnar MUSMAR SOLIS* | Aumovio Germany GmbH	**Numerical investigations on the optimization of surface compaction using a vibratory rammer** *Florian NIEßL* | TU München	**A validation of a post-consumer recycled PC-ABS material with triaxial failure criterion for a middle arm rest** *Frank SCHÜSSLER* | LG Chem Europe GmbH	**Uncertainty Quantification for Virtual BCI Testing: A CST-Based Workflow for Robust Sensor EMC Design** *Yvonne SPAECK-LEIGSNERING* | Robert Bosch GmbH
12:00 PM		**Lunch | 1 hour 30 minutes**				
	Track CATIA & SIMULIA - Radon	**Plenary - Titanium 3**				
1:30 PM		**Poster Honouring**				
1:45 PM		**Customer Keynote – EMC Simulation of Electric Drive Units: A MODSIM Perspective from BMW** *Jan BIERMANN* | BMW				
2:15 PM		**Customer Keynote – Comprehensive Modeling and Simulation of Packaging Systems Including Materials, Converting Process and Filling Machine Using Abaqus: Numerical and Experimental Investigation** *Abolhasan GIASHI* | SIG Combibloc Systems GmbH				
2:45 PM		**SIMULIA AI/ML Agentic and Surrogate** *Andras LASZLOFFY* | Dassault Systèmes				
3:15 PM		**Closing**				
3:30 PM	**END**					